## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

PTO Draftpersons review all originally filed drawings regardless of whether they are designated as formal or informal. Additionally, patent Examiners will review the drawings for compliance with the regulations. Direct telephone inquiries concerning this review to the Drawing Review Branch, 703-305-8404

the Drawing Review Branch, 703-303-8404.	
1 1-20 1016	
The drawings filed (insert date)	View and enlarged view not labled separatly or properly.
Anot objected to by the Draftsperson under 31 CFR 1.84 or 1.152.	Fig(s)
B objected to by the Draftsperson under 37 CFR 1.84 or 1.152 as	Sectional views. 37 CFR 1.84 (h) 3
indicated below. The Examiner will require submission of new, corrected	Hatching not indicated for sectional portions of an object.
drawings when necessary. Corrected drawings must be submitted according to the instructions on the back of this Notice.	Fig(s)
according to the histractions on the back of this reduce.	Cross section not drawn same as view with parts in cross section with regularly spaced parallel oblique strokes. Fig(s)
1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(j)
Black ink. Color.	Words do not appear on a horizontal, left-to-right fashion when
Not black solid lines. Fig(s)	page is either upright or turned so that the top becomes the right
Color drawings are not acceptable until petition is granted.  Fig(s)	side, except for graphs. Fig(s)
2. PHOTOGRAPHS. 37 CFR 1.84(b)	9. SCALE. 37 CFR 1.84(k)
Photographs are not acceptable until petition is granted.	Scale not large enough to show mechanism with crowding
Fig(s)	when drawing is reduced in size to two-thirds in reproduction.
Photographs not properly mounted (must use brystol board or	Fig(s)Indication such as "actual size" or scale 1/2" not permitted.
photographic double-weight paper). Fig(s)	Fig(s)
Poor quality (half-tone). Fig(s)  3. GRAPHIC FORMS. 37 CFR 1.84 (d)	10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR
Chemical or mathematical formula not labeled as separate figure.	1.8447
Fig(s)	Lines, numbers & leugrs not uniformly thick and well defined,
Group of waveforms not presented as a single figure, using	clean, durable, and back (except for color drawings).
common vertical axis with time extending along horizontal axis.	Fig(s)
Fig(s)	11. SHADING. 37 CFR 1.84(m)
designation adjacent to the vertical axis. Fig(s)	Solid black shading areas not permitted.
4. TYPE OF PAPER. 37 CFR 1.84(c)	Fig(s)Shade lines, pale, rough and blurred. Fig(s)
Paper not flexible, strong, white, smooth, nonshiny, and durable.	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR
Sheet(s) Erasures, alterations, overwritings, interlineations, cracks, creases,	1.84(p)
and folds copy machine marks not accepted. Fig(s)	Numbers and reference characters not plain and legible. 37 CFR
Mylar, velum paper is not acceptable (too thin). Fig(s)	1.84(p)(1) Fig(s)
5. SIZE OF PAPER. 37 CFR 1.84(I): Acceptable sizes:	Numbers and reference characters not oriented in same direction as the view. 37 CFR 1.84(p)(I) Fig(s)
21.6 cm. by 35.6 cm. (8 1/2 by 14 inches)	English alphabet not used. 37 CFR 1.84(p)(2)
21.6 cm. by 33.1 cm. (8 1/2 by 13 inches) 21.6 cm. by 27.9 cm. (8 1/2 by 11 inches)	Fig(s)
21.0 cm. by 29.7 cm. (DIN size A4)	Numbers, letters, and reference characters do not measure at least
All drawing sheets not the same size. Sheet(s)	.32 cm. (1/8 inch) in height. 37 CFR(p)(3)
Drawing sheet not an acceptable size. Sheet(s)	Fig(s)
6. MARGINS. 37 CFR 1.84(g): Acceptable margins:	13. LEAD LINES. 37 CFR 1.84(q) Lead lines cross each other. Fig(s)
Paper size	Lead lines missing. Fig(s)
21.6 cm. X 35.6 cm. 21.6 cm. X 33.1 cm. 21.6 cm. X 27.9 cm. 21.0 cm. X 29.7 cm.	14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(I)
(8 1/2 X 14 inches) (8 1/2 X 13 inches) (8 1/2 X 11 inches) (DIN Size A4) T 5.1 cm. (2") 2.5 cm. (1") 2.5 cm. (1") 2.5 cm.	Sheets not numbered consecutively, and in Arabic numerals,
L .64 cm. (1/4") .64 cm. (1/4") .64 cm. (1/4") 2.5 cm.	beginning with number 1. Sheet(s)
R .64 cm. (1/4") .64 cm. (1/4") 1.5 cm. B .64 cm. (1/4") .64 cm. (1/4") 1.0 cm.	15. NUMBER OF VIEWS. 37 CFR 1,84(u)
	Views not numbered consecutively, and in Arabic numerals,
Margins do not conform to chart above.  Sheet(s)	beginning with number 1. Fig(s) View numbers not preceded by the abbreviation Fig.
Top (T)Left (L)Right (R)Bottom (B)	Fig(s)
7. VIEWS. 37 CFR 1.84(h)	16. CORRECTIONS. 37 CFR 1.84(w)
REMINDER: Specification may require revision to correspond to	Corrections not made from prior PTO-948.
drawing changes.	Fig(s)
All views not grouped together. Fig(s)	17. DESIGN DRAWING. 37 CFR 1.152
Views connected by projection lines or lead lines.	Surface shading shown not appropriate. Fig(s)
Fig(s) Partial views. 37 CFR 1.84(h) 2	Solid black shading not used for color contrast.  Fig(s)
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